```
L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
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RN 129722-12-9 REGISTRY

ED Entered STN: 05 Oct 1990

CN 2(1H)-Quinolinone, 7-[4-[4-(2,3-dichlorophenyl)-1-piperazinyl]butoxy]-3,4-dihydro- (CA INDEX NAME)

OTHER NAMES:

CN 7-[4-[4-(2,3-Dichlorophenyl)-1-piperazinyl]butoxy]-3,4-dihydrocarbostyril

CN Abilify

CN Abilitat

CN Aripiprazole

CN OPC 14597

CN OPC 31

DR 156680-99-8

MF C23 H27 Cl2 N3 O2

CI COM

SR CA

=>

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CIN, CSCHEM, DDFU, DRUGU, EMBASE, HSDB*, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, PATDPASPC, PHAR, PROMT, PROUSDDR, PS, RTECS*, SCISEARCH, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL

(*File contains numerically searchable property data)
Other Sources: WHO

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

535 REFERENCES IN FILE CA (1907 TO DATE)

11 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

547 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```
AU
     Meltzer, Herbert Y. [Reprint author]; Kennedy, John; Dai, Jin; Parsa,
     Mahmoud; Riley, David
CS
     Dep. Psychiatry, Univ. Hosp. Clevel., Hanna Pavillion, Room B-68, 11100
     Euclid Ave., Cleveland, OH 44106-5000, USA
SO
     Neuropsychopharmacology, (1995) Vol. 12, No. 1, pp. 39-45.
     CODEN: NEROEW. ISSN: 0893-133X.
DT
     Article
LA
     English
ED
     Entered STN: 26 Apr 1995
     Last Updated on STN: 27 Apr 1995
L5
     ANSWER 9 OF 9 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights
     reserved on STN
AN
     1995014657 EMBASE
     Clozapine in older patients with psychosis and behavioral
TI
     disruption.
ΑIJ
     Salzman C.; Vaccaro B.; Lieff J.; Weiner A.
CS
     Dr. C. Salzman, Department of Psychiatry, Harvard Medical School,
     Massachusetts Mental Health Center, 74 Fenwood Road, Boston, MA 02115,
     United States
SO
     American Journal of Geriatric Psychiatry, (1995) Vol. 3, No. 1,
     pp. 26-33.
     ISSN: 1064-7481 CODEN: AJGPE8
CY
     United States
DT
     Journal; Article
FS
     032
             Psychiatry
     037
             Drug Literature Index
     038
             Adverse Reactions Titles
LA
     English
SL
     English
ED
     Entered STN: 25 Jan 1995
     Last Updated on STN: 25 Jan 1995
      (demethylclozapine or n-desmethylclozapine or n-desmethylclozapine or n-desmethylclozap
=> S
'AB' IS NOT A VALID FIELD CODE
  26 FILES SEARCHED...
'AB' IS NOT A VALID FIELD CODE
            45 (DEMETHYLCLOZAPINE OR DESMETHYLCLOZAPINE OR N-DESMETHYLCLOZAPINE
                OR N-DESMETHYLCLOZAPINE OR NORCLOZAPINE) / AB NOT CLOZAPINE
=> dup rem 16
```

DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, DGENE, DRUGMONOG2, IMSPRODUCT, KOSMET, NUTRACEUT, PCTGEN, PHARMAML, USGENE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE

PROCESSING COMPLETED FOR L6 L7 19 DUP REM L6 (26 DUPLICATES REMOVED)

```
CN
     Chlorderazin
CN
     Chlorpromados
CN
     Chlorpromazine
CN
     Chlropromados
CN
     Contomin
CN
     CPZ
     Elmarin
CN
CN
    Esmind
    Fenactil
CN
CN
     Fenaktyl
     Fraction AB
CN
CN
    HL 5746
CN
    Largactilothiazine
CN
     Largactyl
CN
    Megaphen
CN
    Noiafren
CN
    Novomazina
CN
     NSC 167745
CN
     NSC 226514
CN
     Phenactyl
CN
     Proma
CN
     Promactil
CN
    Promazil
CN
     Propaphenin
CN
     Prozil
CN
    RP 4560
CN
     Sanopron
CN
     Sedatil
     SKF 2601A
CN
CN
     Thorazin
CN
     Thorazine
CN
     Wintermin
MF
     C17 H19 Cl N2 S
CI
   COM
                ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS,
LC
     STN Files:
       BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST,
       CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, GMELIN*, HSDB*, IFICDB, IFIPAT,
       IFIUDB, IMSCOSEARCH, IMSDRUGNEWS, IPA, MEDLINE, MRCK*, PIRA, PROMT,
       PROUSDDR, PS, RTECS*, SCISEARCH, SPECINFO, TOXCENTER, ULIDAT, USAN,
       USPAT2, USPATFULL, USPATOLD, VETU
         (*File contains numerically searchable property data)
     Other Sources: EINECS**, WHO
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

14519 REFERENCES IN FILE CA (1907 TO DATE)
174 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
14539 REFERENCES IN FILE CAPLUS (1907 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

(**Enter CHEMLIST File for up-to-date regulatory information)

=> file uspatful
COST IN U.S. DOLLARS

FILE 'USPATFULL' ENTERED AT 11:24:06 ON 09 OCT 2007
CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 9 Oct 2007 (20071009/PD)
FILE LAST UPDATED: 9 Oct 2007 (20071009/ED)
HIGHEST GRANTED PATENT NUMBER: US7281274
HIGHEST APPLICATION PUBLICATION NUMBER: US2007234457
CA INDEXING IS CURRENT THROUGH 9 Oct 2007 (20071009/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 9 Oct 2007 (20071009/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2007
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2007

=> d his

(FILE 'HOME' ENTERED AT 11:13:16 ON 09 OCT 2007)

FILE 'REGISTRY' ENTERED AT 11:13:28 ON 09 OCT 2007

L1 1 S ARIPIPRAZOLE/CN

L2 0 S N-DESMETHYLCLOZPINE/CN

L3 0 S N DESMETHYLCLOZPINE/CN

L4 0 S N DESMETHYLCLOZAPINE/CN

FILE 'USPATFULL' ENTERED AT 11:18:52 ON 09 OCT 2007

L5 1 S US20040224942/PN

FILE 'REGISTRY' ENTERED AT 11:19:11 ON 09 OCT 2007

FILE 'USPATFULL' ENTERED AT 11:19:15 ON 09 OCT 2007 L6 TRA L5 1-1 RN : 53 TERMS

FILE 'REGISTRY' ENTERED AT 11:19:17 ON 09 OCT 2007 L7 53 SEA L6

FILE 'USPATFULL' ENTERED AT 11:24:06 ON 09 OCT 2007

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RN
     5786-21-0 REGISTRY
ED
     Entered STN: 16 Nov 1984
     5H-Dibenzo[b,e][1,4]diazepine, 8-chloro-11-(4-methyl-1-piperazinyl)- (CA
     INDEX NAME)
OTHER NAMES:
     8-Chloro-11-(4-methyl-1-piperazinyl)-5H-dibenzo[b,e][1,4]diazepine
CN
CN
     Asaleptin
CN
     Azaleptine
CN
     Cloril
CN
     Clozapin
CN
     Clozapine
CN
     Clozaril
CN
     Fazaclo
CN
     HF 1854
CN
     Iprox
CN
     Klozapol
CN
     Leponex
MF
     C18 H19 Cl N4
CI
LC
     STN Files:
                 ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS,
       BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN,
       CSCHEM, DDFU, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IMSCOSEARCH,
       IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, PHAR, PROMT, PS, RTECS*,
       SCISEARCH, SPECINFO, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
         (*File contains numerically searchable property data)
     Other Sources: EINECS**, WHO
         (**Enter CHEMLIST File for up-to-date regulatory information)
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ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4280 REFERENCES IN FILE CA (1907 TO DATE)
51 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
4294 REFERENCES IN FILE CAPLUS (1907 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>

ANSWER 1 OF 1 USPATFULL on STN L12 PΙ US 2004224942 A1 20041111 IT 50-53-3, Thorazine, biological studies 52-86-8, Haldol 58-33-3, Phenergan 58-39-9, Trilafon 84-02-6, Compazine 92-84-2, Phenothiazine 113-59-7, Taractan 130-61-0, Mellaril 440-17-5, Stelazine 548-73-2, Inapsine 554-13-2, Lithium carbonate 768-94-5, Amantadine 2062-78-4, Orap 5588-33-0, Serentil 5591-45-7, Navane 6104-71-8, N-Desmethylclozapine 7232-21-5, Reglan 7439-93-2, Lithium, biological studies 15622-65-8, Moban 18016-80-3, Lisuride 25614-03-3, Bromocriptine 27833-64-3, Loxitane 54739-18-3, Fluvoxamine 54910-89-3, Fluoxetine 59729-33-8, Citalopram 61869-08-7, Paroxetine 66104-22-1, Pergolide 71620-89-8, Reboxetine 79617-96-2, Sertraline 81409-90-7, Cabergoline 91374-21-9, Ropinirole 93413-69-5, Venlafaxine 103628-46-2, Sumatriptan 104632-26-0, Pramipexole 106266-06-2, Risperdal 106650-56-0, Sibutramine 111974-72-2, Seroquel 116539-59-4, Duloxetine 121679-13-8, Naratriptan 128196-01-0, Escitalopram 129722-12-9, Abilify 132539-06-1, Zyprexa 139264-17-8, Zolmitriptan 144034-80-0, Rizatriptan 146939-27-7, Geodon 154323-57-6, Almotriptan 155273-01-1, Thionisoxetine 158747-02-5, Frovatriptan 706779-91-1 (desmethylclozapine to treat human neuropsychiatric disease)

L13 ANSWER 1 OF 1 USPATFULL on STN PΙ US 2004224942 A1 20041111 IT 50-53-3, Thorazine, biological studies 52-86-8, Haldol 58-33-3, Phenergan 58-39-9, Trilafon 84-02-6, Compazine 92-84-2, Phenothiazine 113-59-7, Taractan 130-61-0, Mellaril 440-17-5, Stelazine 548-73-2, Inapsine 554-13-2, Lithium carbonate 768-94-5, Amantadine 2062-78-4, Orap 5588-33-0, Serentil 5591-45-7, Navane **6104-71-8**, N-Desmethylclozapine 7232-21-5, Reglan 7439-93-2, Lithium, biological studies 15622-65-8, Moban 18016-80-3, Lisuride 25614-03-3, Bromocriptine 27833-64-3, Loxitane 54739-18-3, 54910-89-3, Fluoxetine 59729-33-8, Citalopram Fluvoxamine 61869-08-7, Paroxetine 66104-22-1, Pergolide 71620-89-8, Reboxetine 79617-96-2, Sertraline 81409-90-7, Cabergoline 91374-21-9, Ropinirole 93413-69-5, Venlafaxine 103628-46-2, Sumatriptan 104632-26-0, 106266-06-2, Risperdal 106650-56-0, Sibutramine Pramipexole 111974-72-2, Seroquel 116539-59-4, Duloxetine 121679-13-8, Naratriptan 128196-01-0, Escitalopram 129722-12-9, Abilify 132539-06-1, Zyprexa 139264-17-8, Zolmitriptan 144034-80-0, Rizatriptan 146939-27-7, Geodon 154323-57-6, Almotriptan 155273-01-1, Thionisoxetine 158747-02-5, Frovatriptan 706779-91-1 (desmethylclozapine to treat human neuropsychiatric disease)